

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

**Claim 1 (previously presented):** A respiratory monitoring system comprising:  
a patient interface comprising a nasal cannula and a visual display, said nasal cannula comprising at least a first nasal capnography port and a first pressure sensor port and said visual display comprising indicators, wherein said visual display is adapted to be positioned at a suitable location on the body of a patient such that said indicators are visible to a user while simultaneously observing the patient;  
a respiratory monitor, comprising a sensor, wherein said respiratory monitor is adapted so as to be coupled to said patient interface and generate a signal reflecting at least one respiratory condition of the patient; and  
an electronic controller interconnected with the respiratory monitor and the patient interface, wherein said visual display is modified based on the information contained in said signal;  
wherein said visual display alerts the user of a potential problem and said electronic controller automatically gathers information regarding an additional aspect of the respiratory condition of the patient when said visual display alerts the user.

**Claim 2 (original):** The system of claim 1, further comprising a drug delivery device supplying one or more drugs to said patient, wherein said electronic controller receives said signal and manages said drug delivery device in response to said signal.

**Claim 3 (original):** The system of claim 1, further comprising a user interface allowing a user to enter inputs, said inputs corresponding to thresholds for at least one respiratory parameter.

**Claim 4 (original):** The system of claim 3, wherein said predetermined thresholds relate to inhalation or exhalation of said patient.

**Claim 5 (original):** The system of claim 3, wherein pressure waveform analysis and

segmentation is used to identify one of respiratory effort and effect based on said predetermined thresholds.

**Claim 6 (original):** The system of claim 4, wherein alarm conditions are determined based on said one of respiratory effort and effect in relation to said predetermined thresholds.

**Claim 7 (original):** The system of claim 4, wherein alarm conditions are determined based on other criteria in addition to said one of respiratory effort and effect in relation to said predetermined thresholds.

**Claim 8 (previously presented):** The system of claim 4, wherein said indicators comprise at least one series of light emitting diodes (LEDs) such that specific LEDs provide semi-quantitative respiratory information corresponding to said predetermined thresholds for said one of respiratory effort and effect.

**Claim 9 (original):** The system of claim 8, wherein said respiratory visual display is updated in real time.

**Claim 10 (original):** The system of claim 8, wherein said LEDs are color coded to correspond to each type of said predetermined thresholds.

**Claim 11 (original):** The system of claim 8, wherein said predetermined thresholds represent a gradual increase in magnitude of a corresponding parameter.

**Claim 12 (original):** The system of claim 3, wherein said sensor includes at least one of a pressure sensor, humidistat, thermistor, and flow sensor.

**Claim 13 (previously presented):** The system of claim 1, further comprising an ear mount adapted for placement on at least one ear of a patient, said visual display adapted for mounting on said ear mount.

**Claim 14 (original):** The system of claim 13, further comprising a support band coupled to said ear mount to provide stability to said ear mount and said visual display.

**Claim 15 (previously presented):** The system of claim 1, wherein said respiratory monitoring system is a sedation and analgesia system.

Claims 16-31 (**cancelled**).

**Claim 32 (currently amended):** The system of claim 1, wherein said additional aspect of the respiratory condition comprises one of whether the patient is inhaling or exhaling, the rate of inhalation **and/or** exhalation, and the magnitude of inhalation **and/or** exhalation.